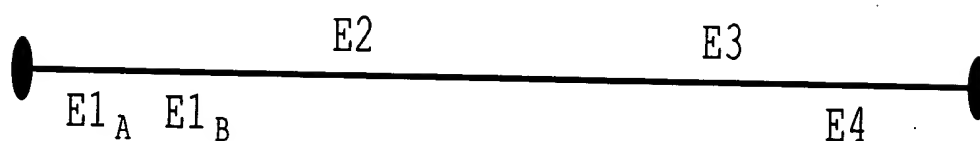




HIGGINBOTHAM et al. P04580US01  
Application No. 09/871,183  
METHODS AND COMPOSITIONS FOR  
EFFICIENT GENE TRANSFER USING  
TRANSCOMPLEMENTARY VECTORS

### Basic Wild Type Adenovirus Genome



*Fig. 1*

### Ad Vector #1

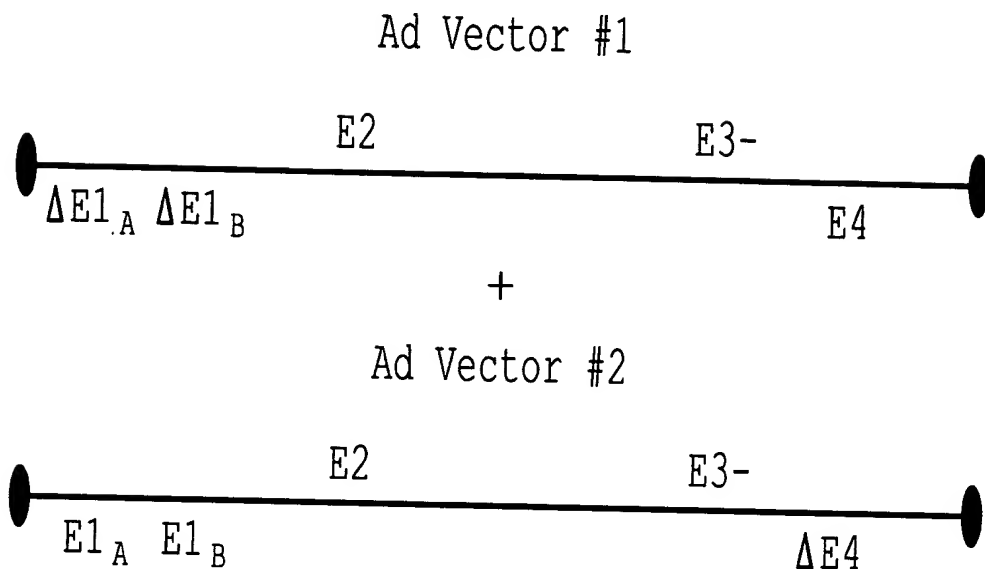


+

### Ad Vector #2

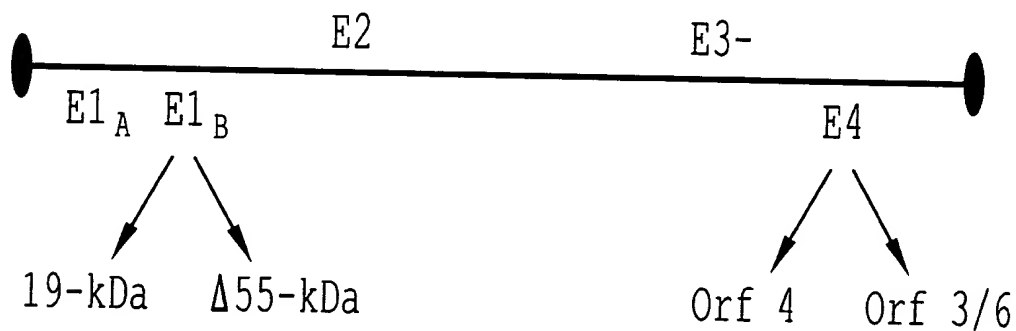


*Fig. 2*



*Fig. 3*

Improved Delivery using Tumor Restricted Replication



*Fig. 4*

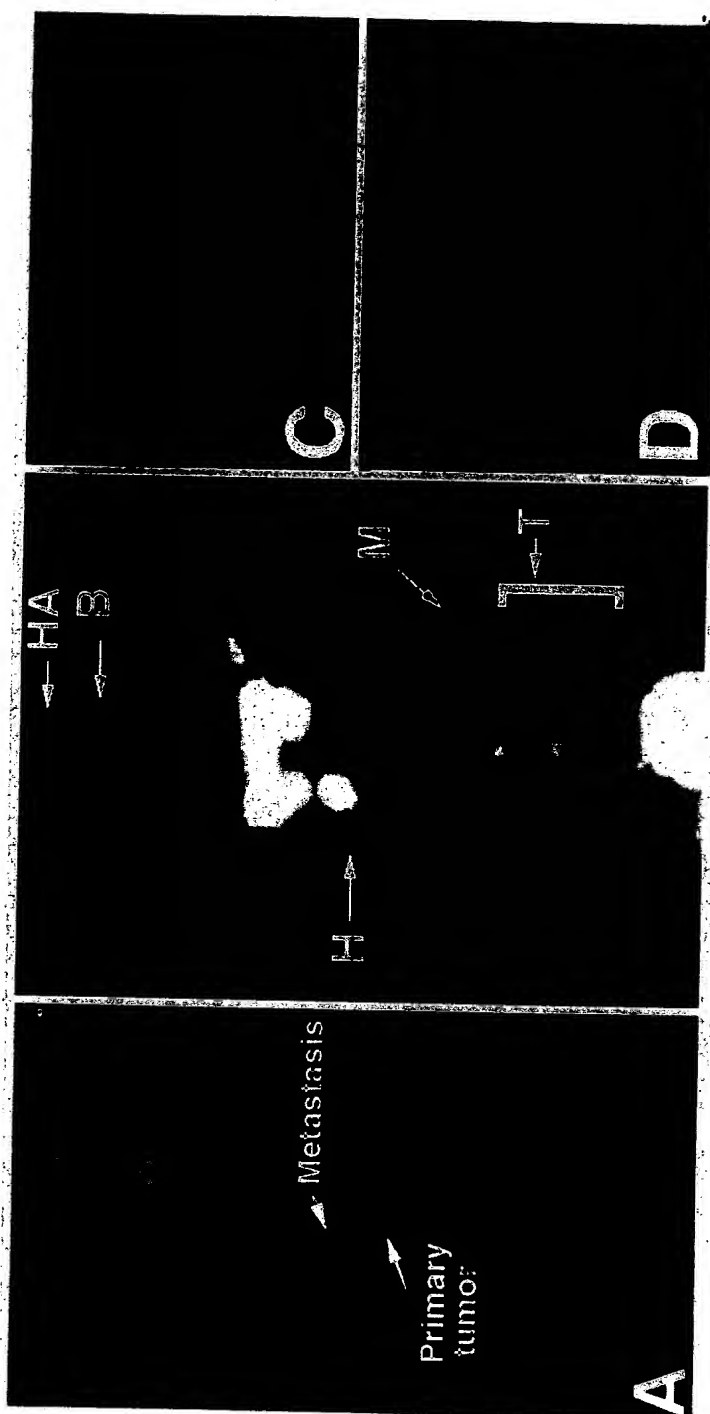
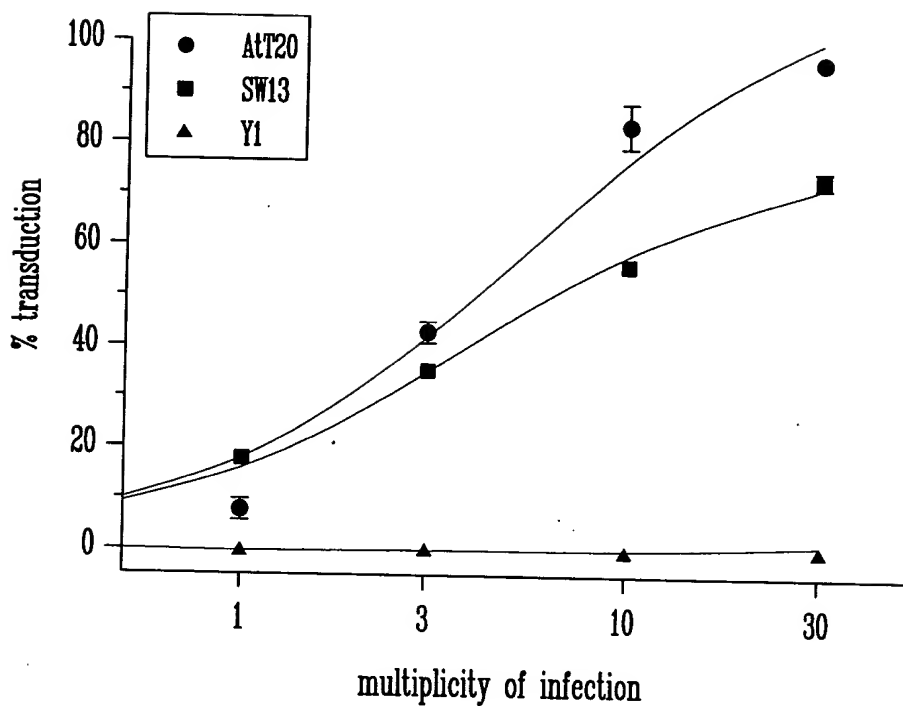


Fig. 5



*Fig. 6*

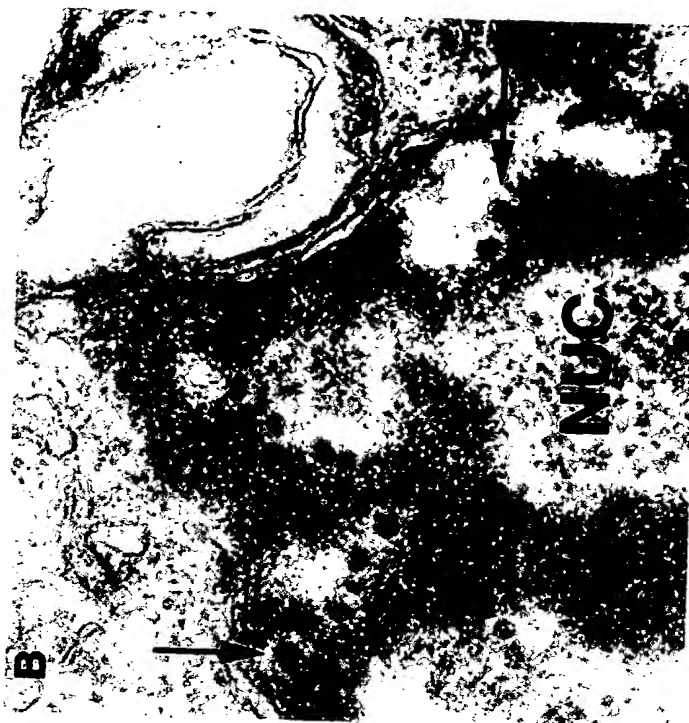


Fig. 7B

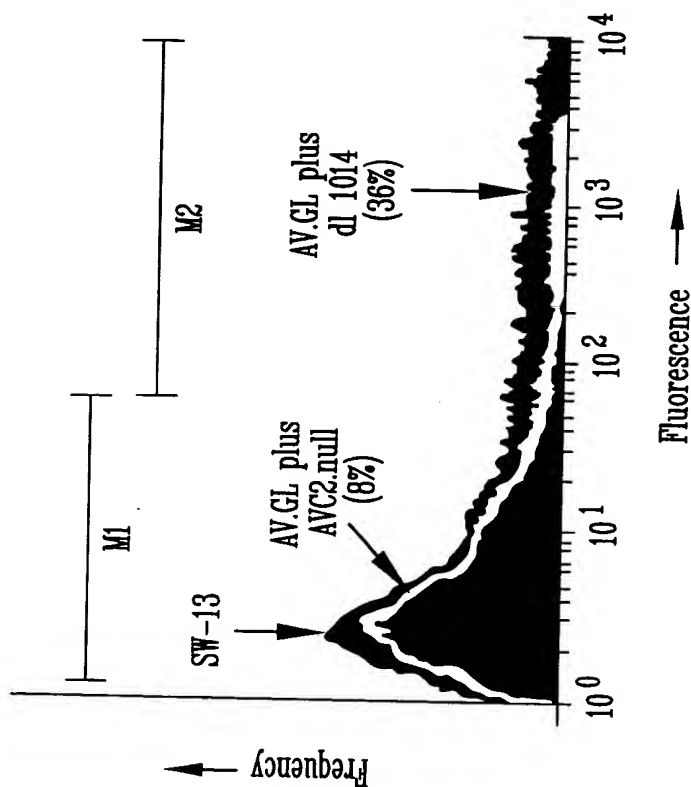


Fig. 7A

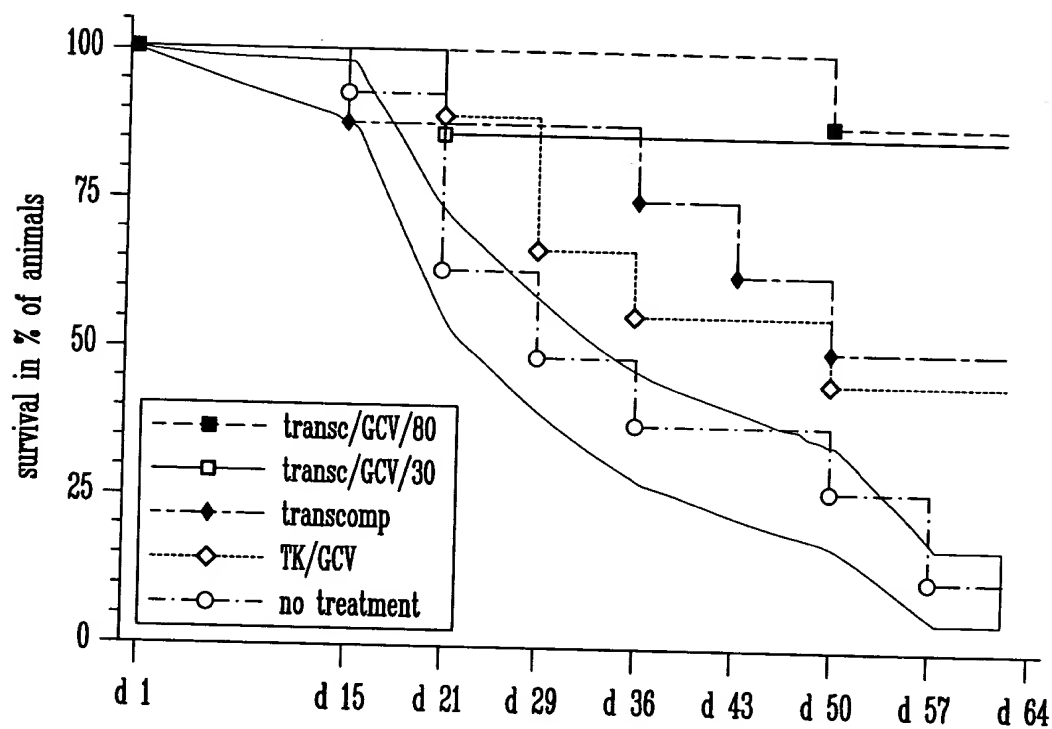
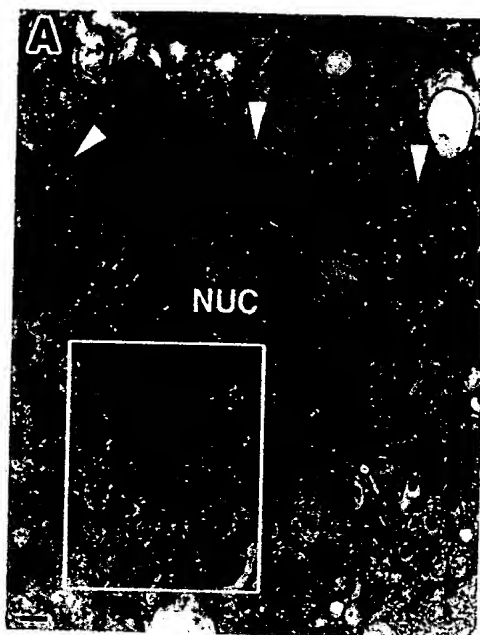
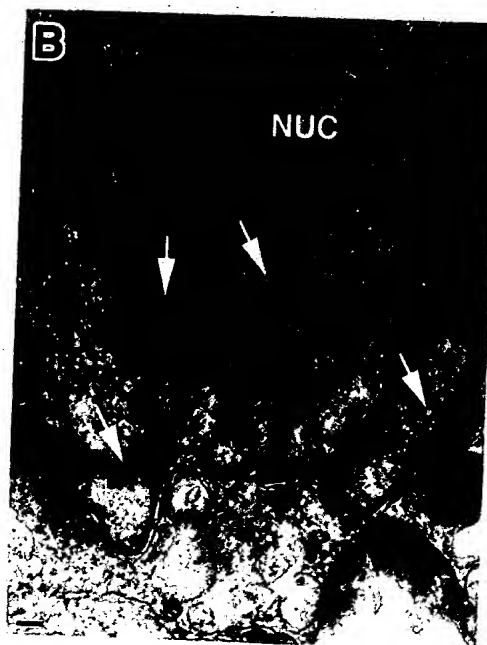


Fig. 8



*Fig. 9A*



*Fig. 9B*

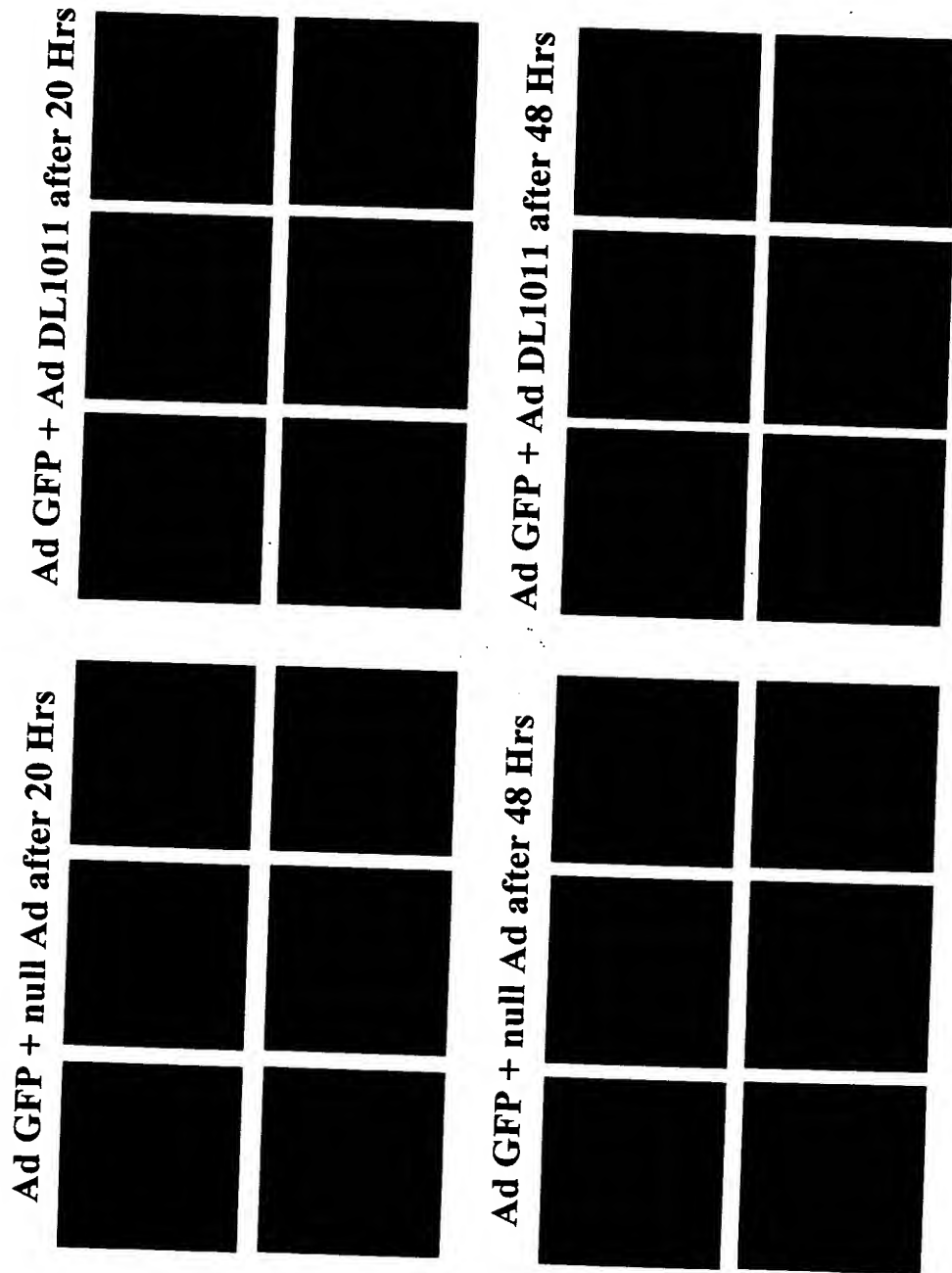


*Fig. 10A*

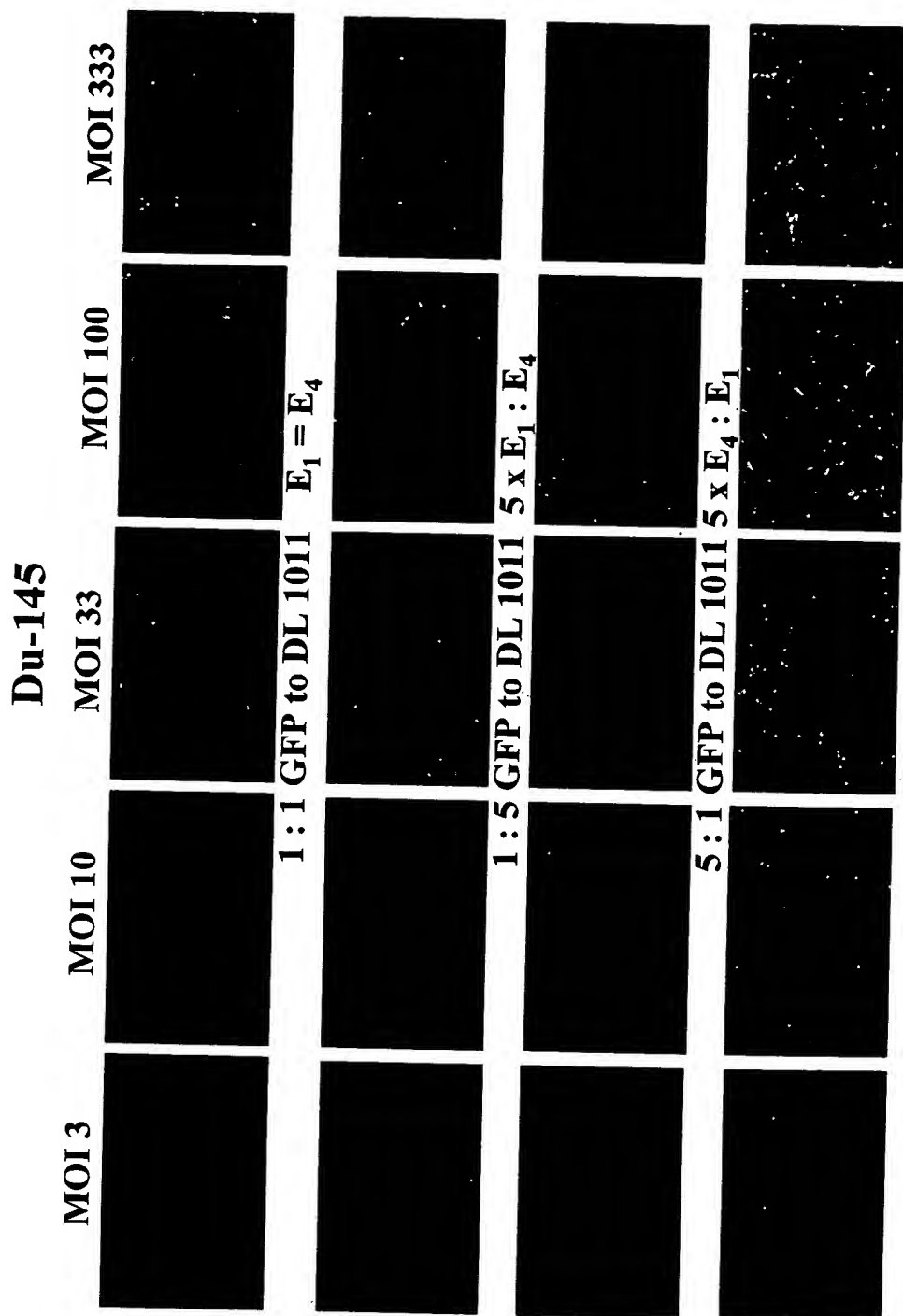


*Fig. 10B*





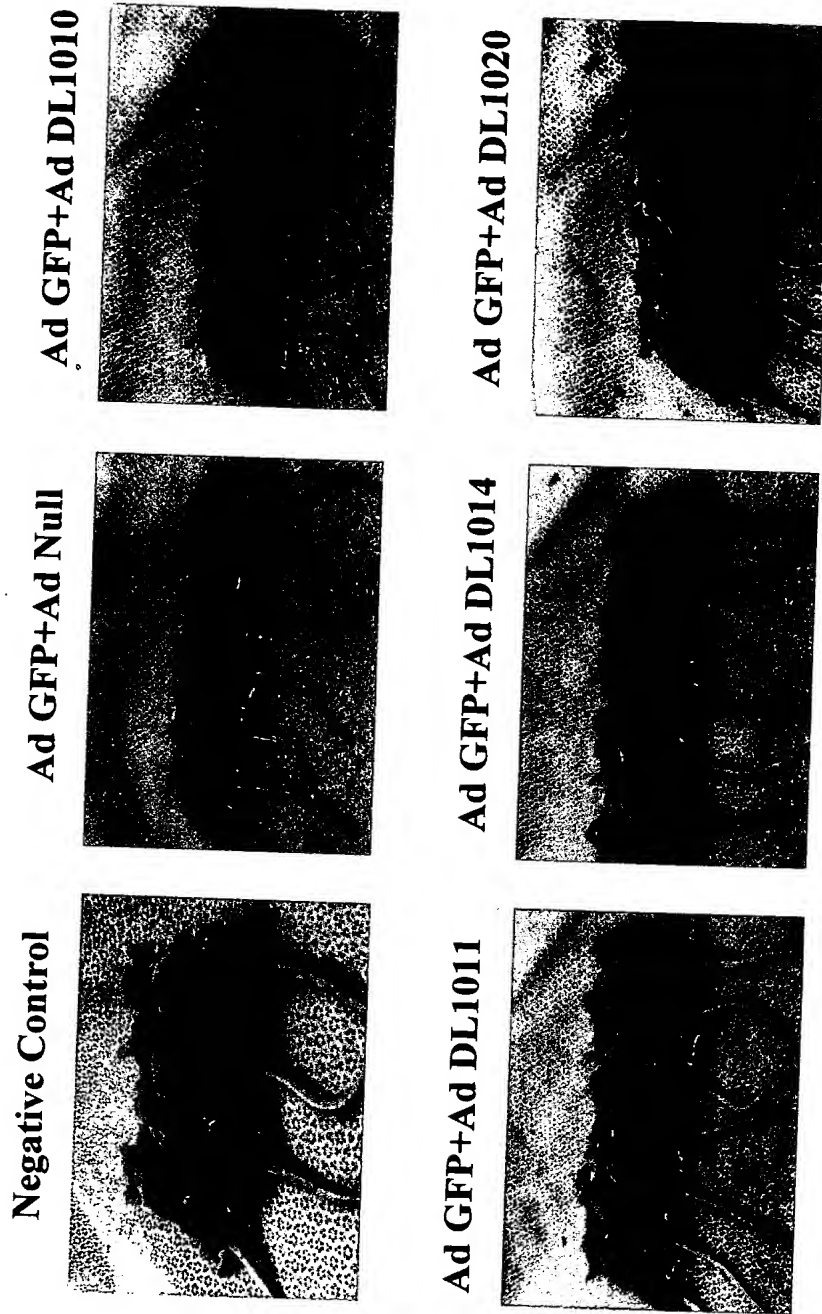
*Fig. 11*



*Fig. 12*



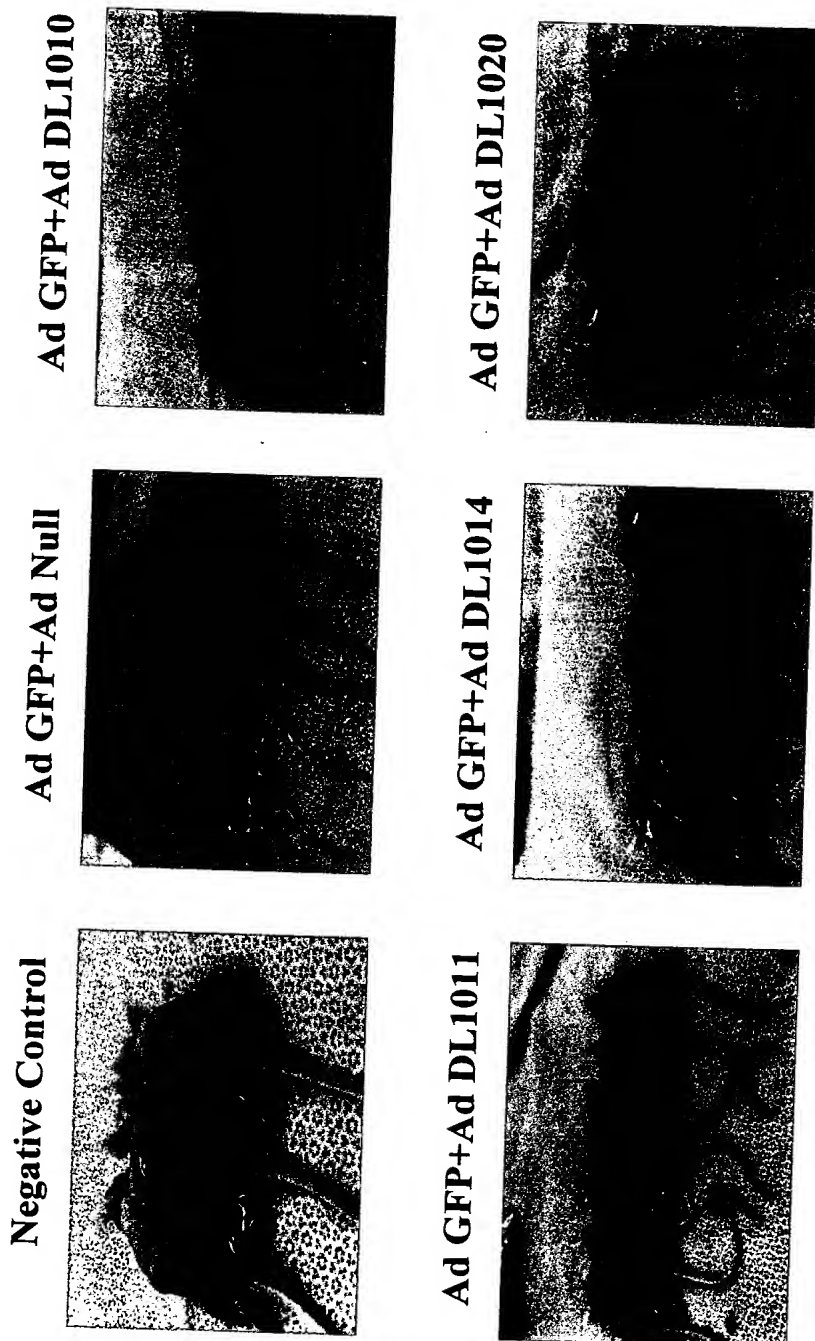
## HCT 115 96 Hours after Vector Administration



*Fig. 13A*



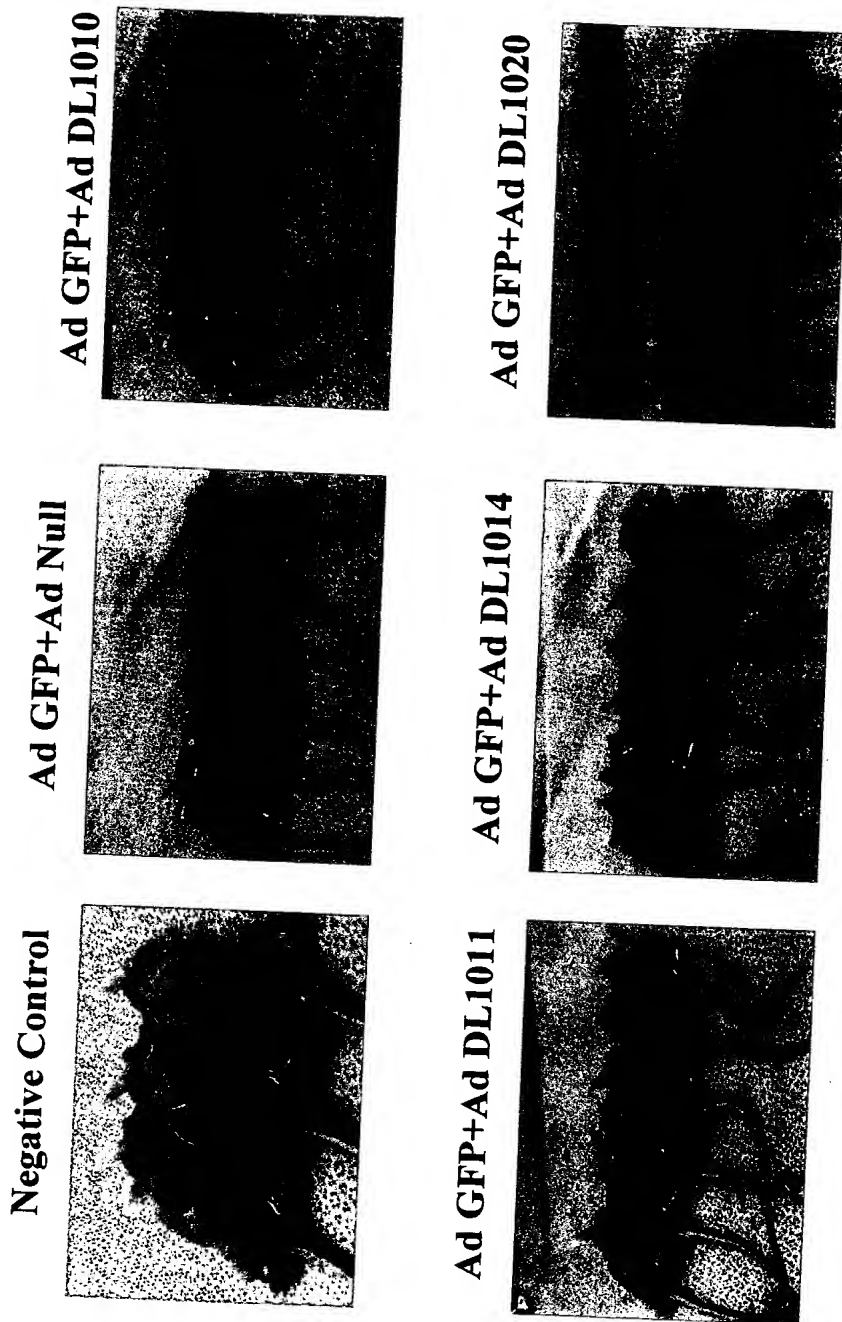
## HCT 115 120 Hours after Vector Administration



*Fig. 13B*



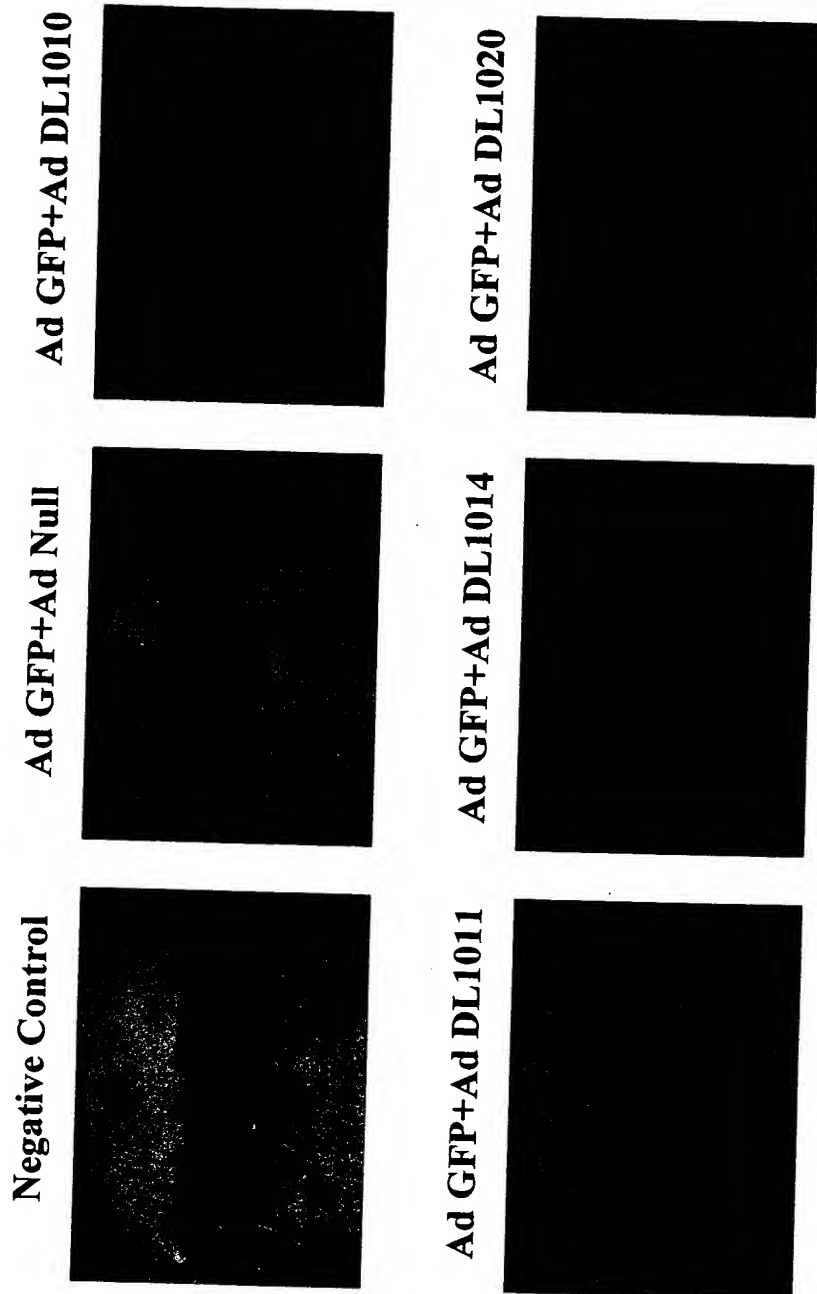
## HCT 115 144 Hours after Vector Administration



*Fig. 13C*



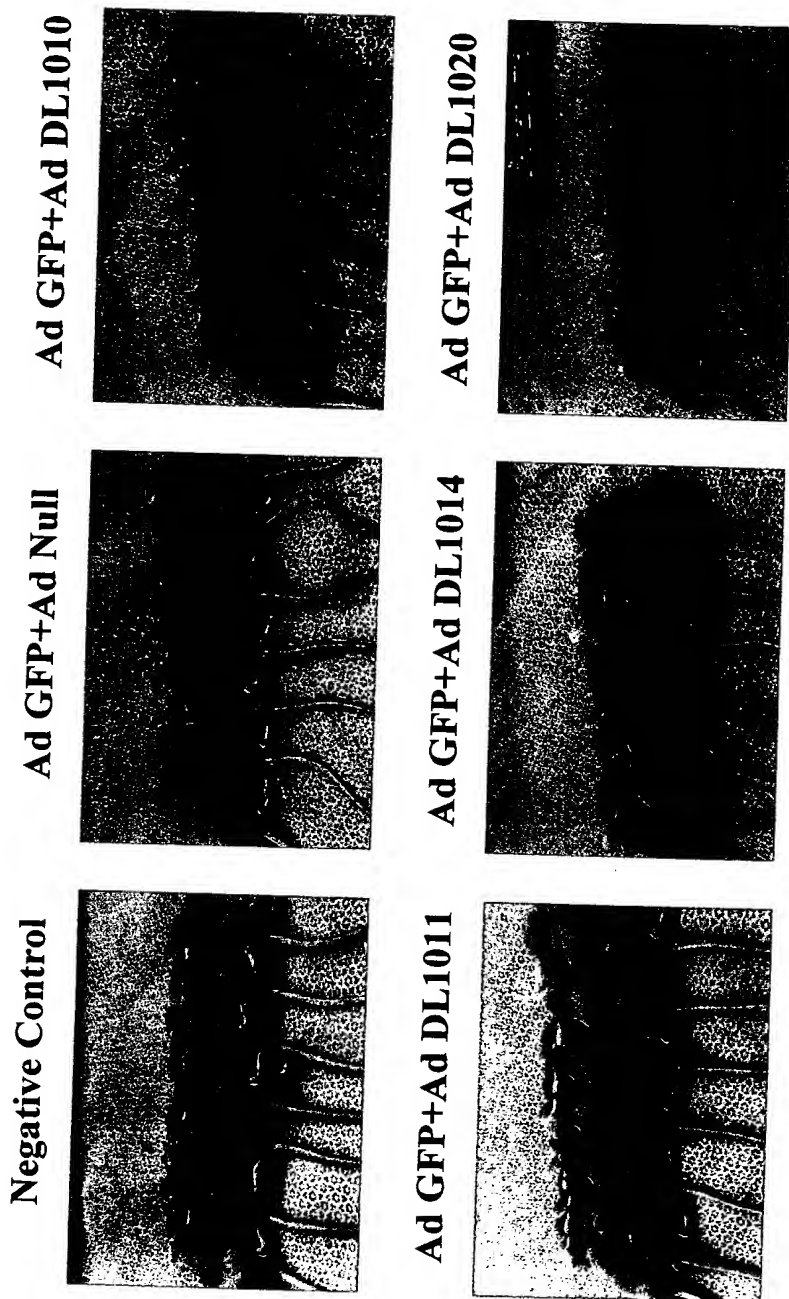
## HCT 116 96 Hours after Vector Administration



*Fig. 14A*



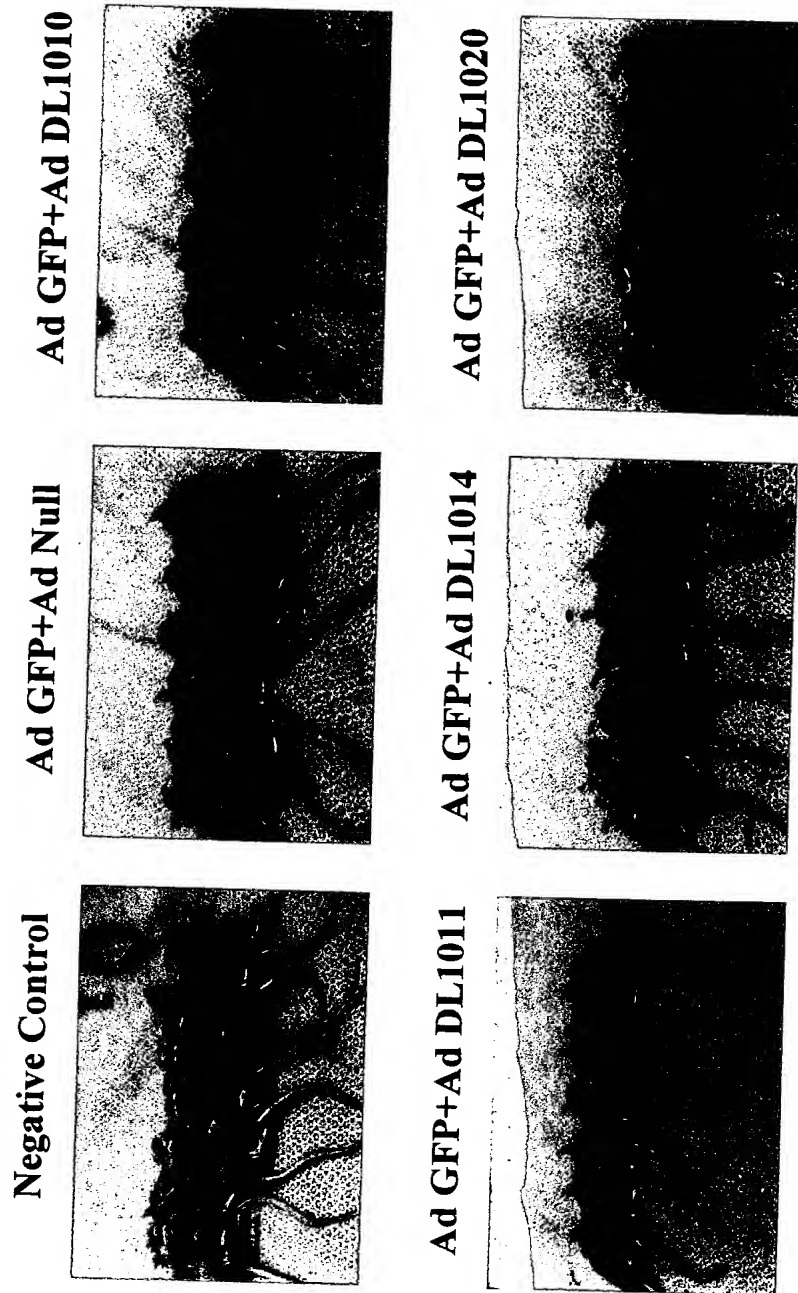
## HCT 116 120 Hours after Vector Administration



*Fig. 14B*

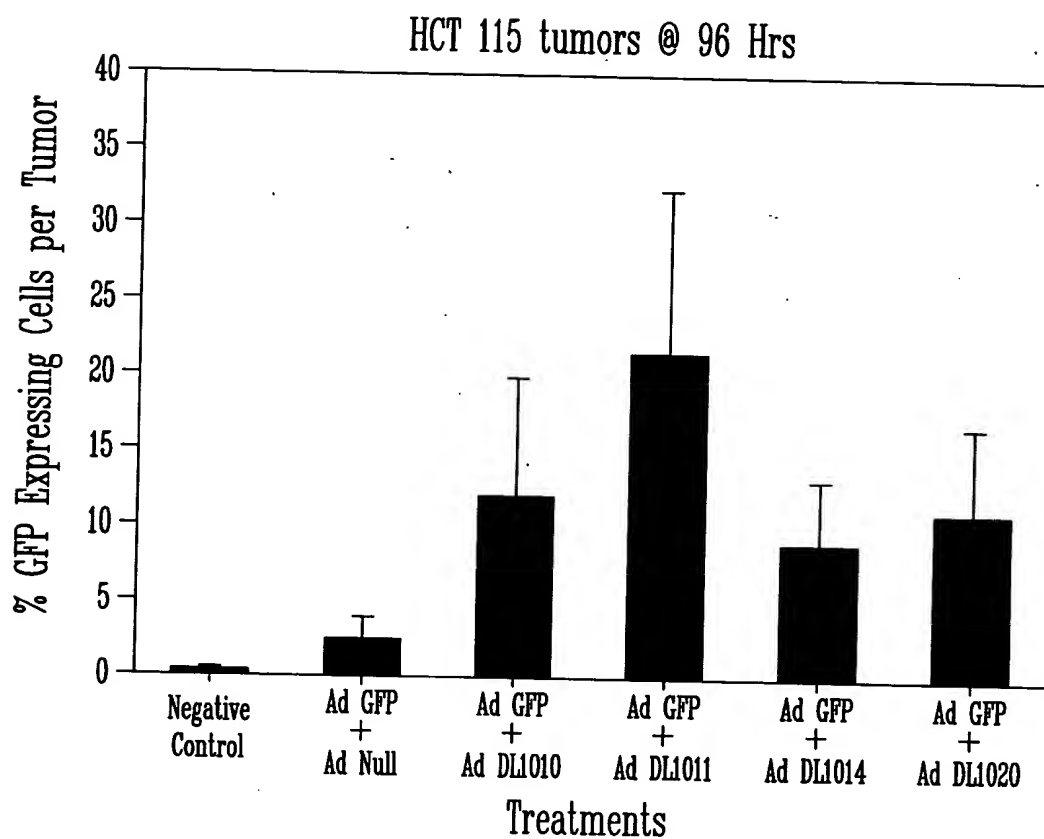


## HCT 116 144 Hours after Vector Administration

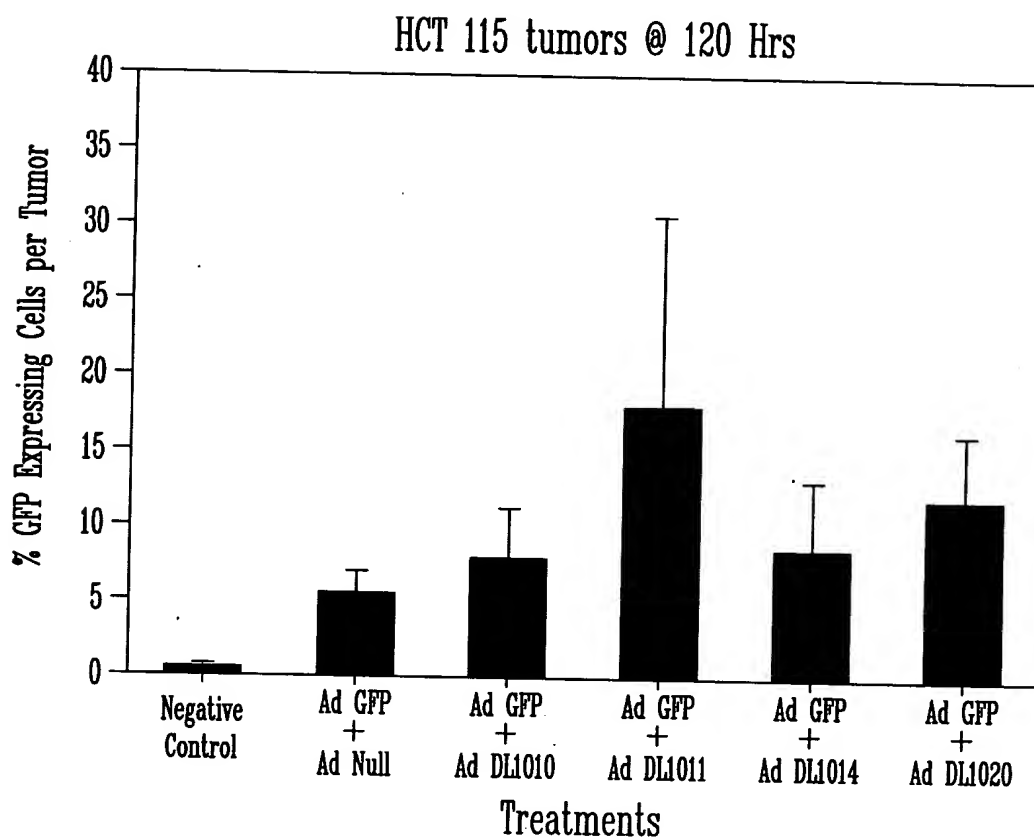


*Fig. 14C*

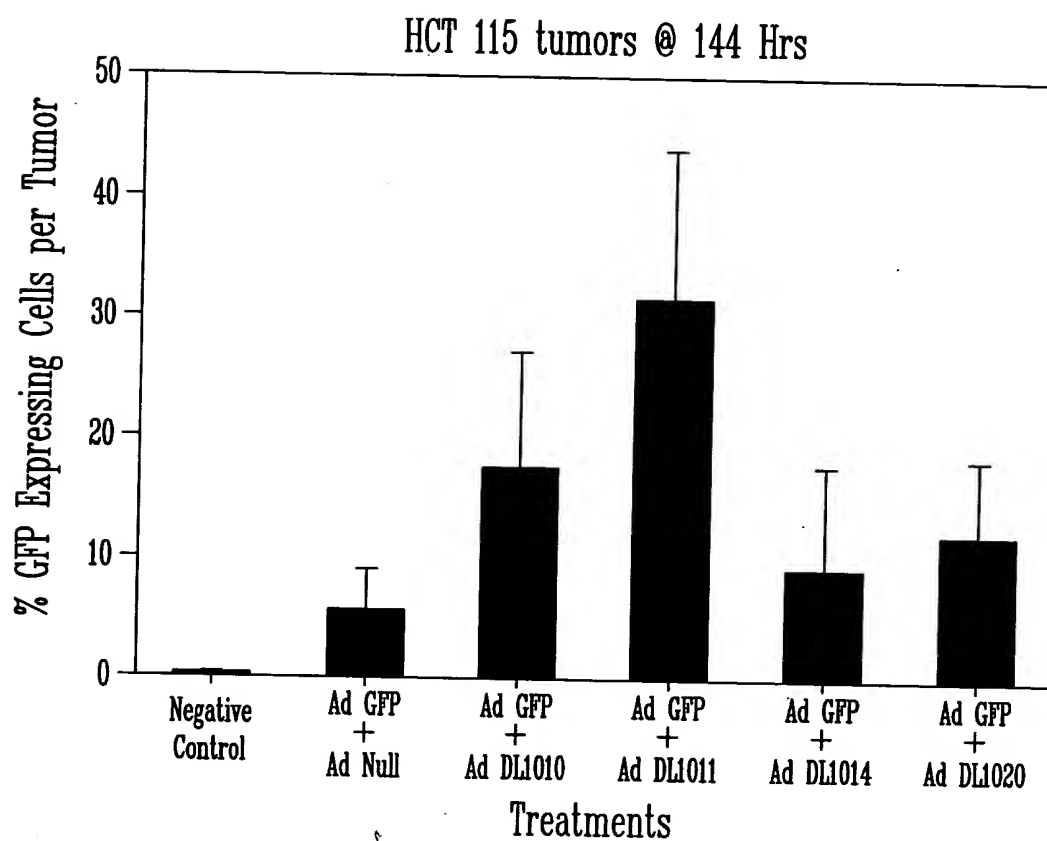




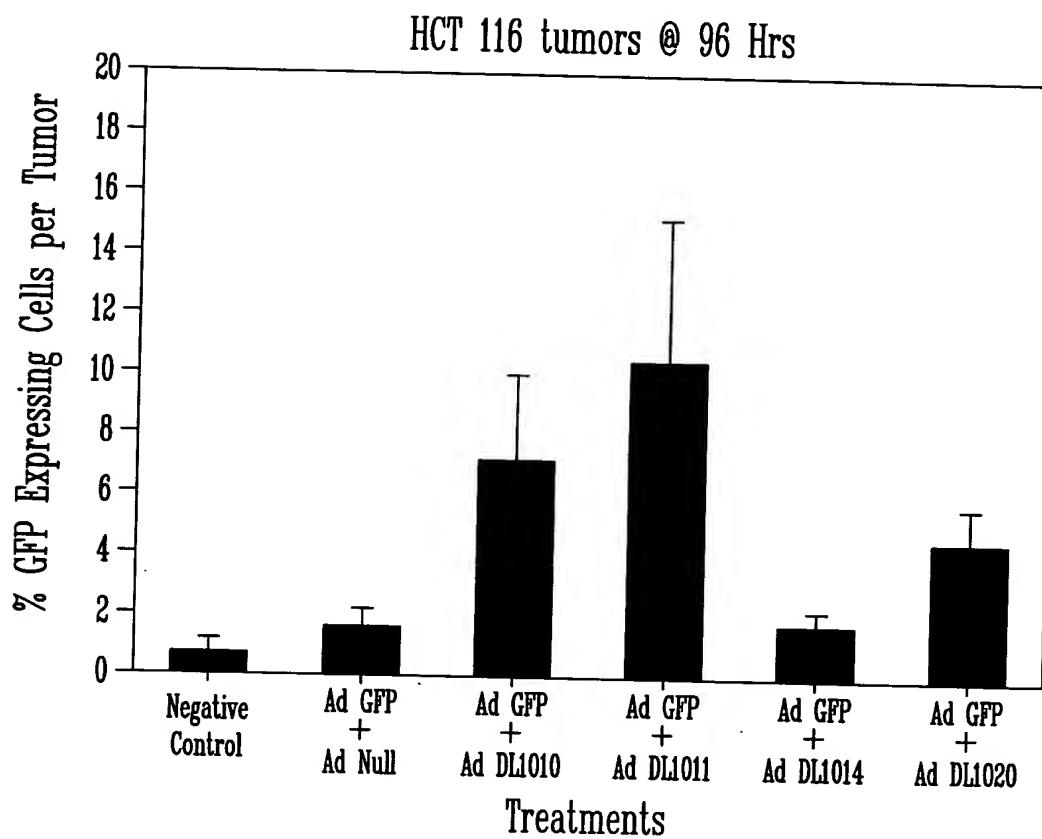
*Fig. 15A*



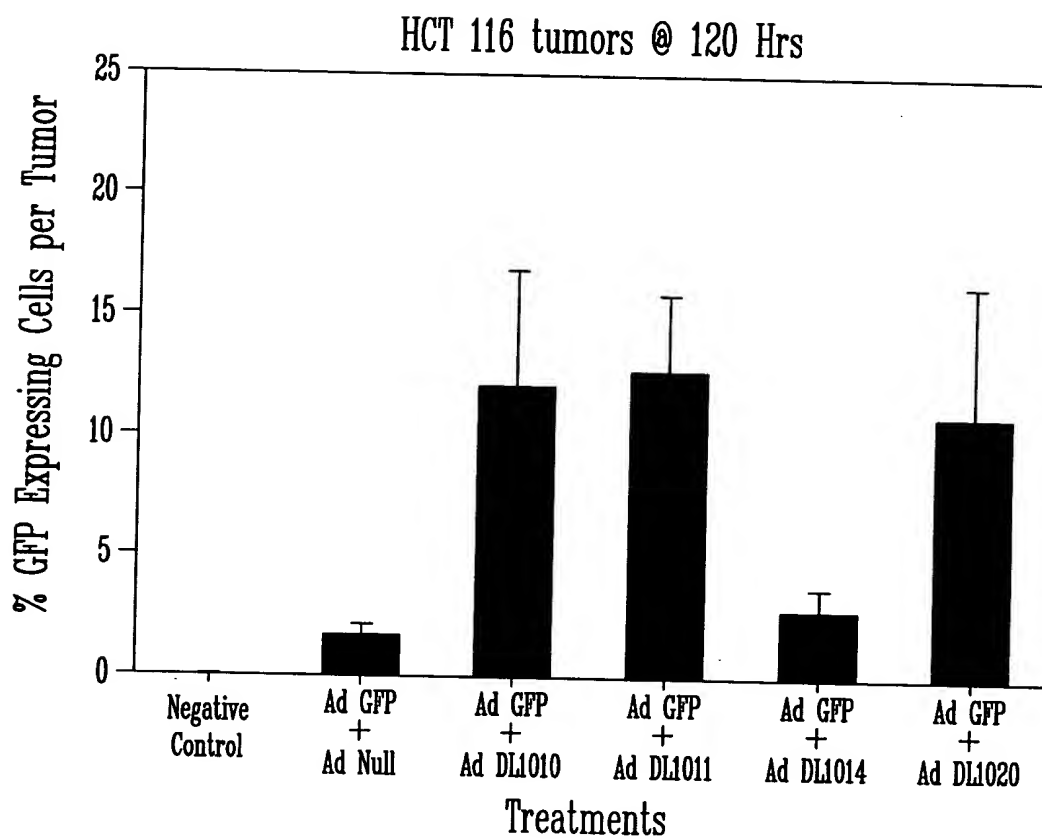
*Fig. 15B*



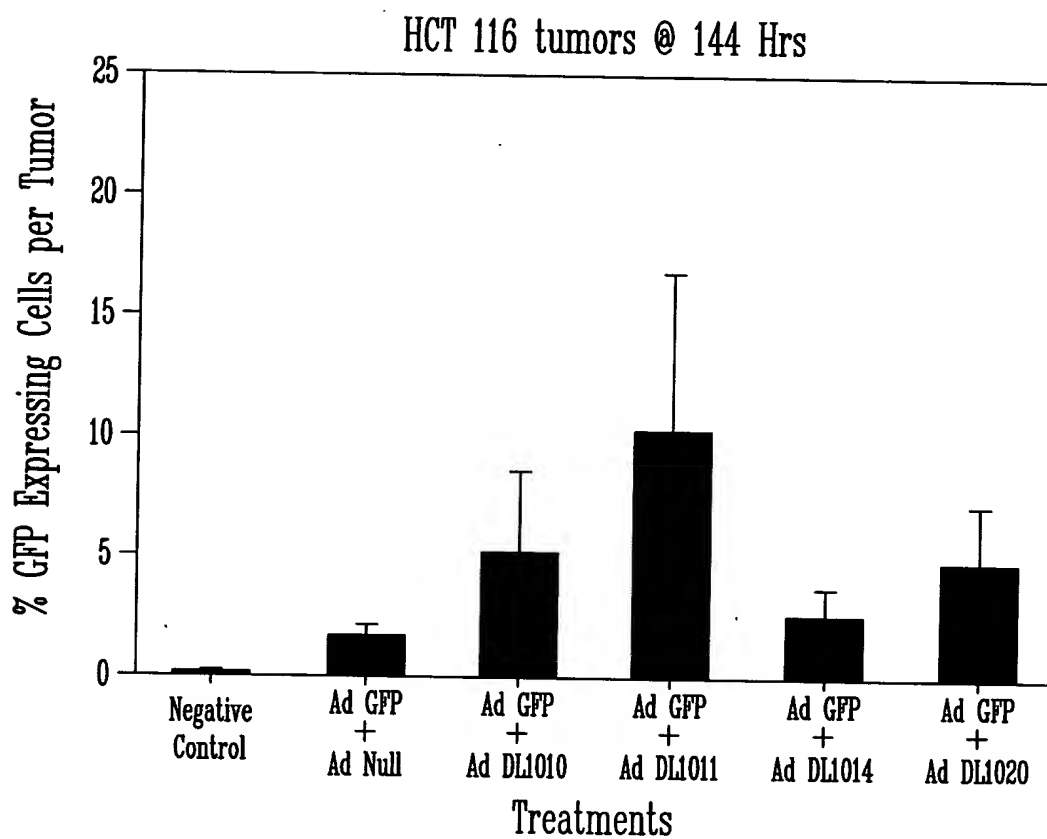
*Fig. 15C*



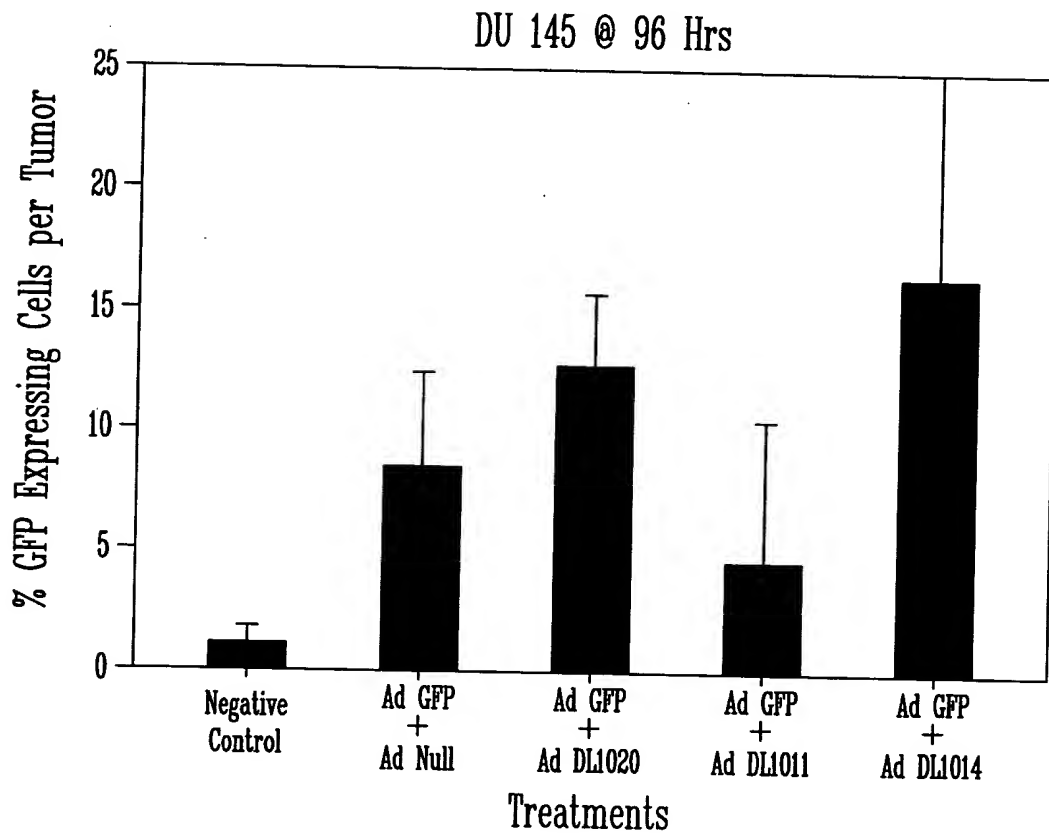
*Fig. 16A*



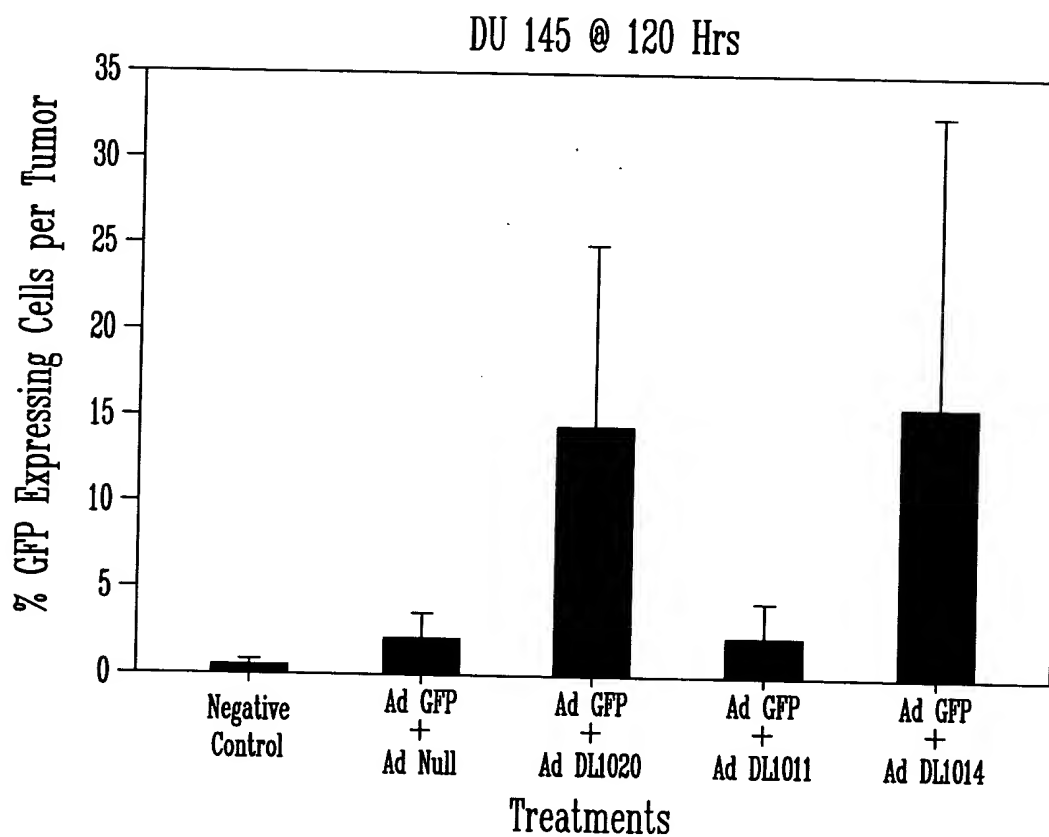
*Fig. 16B*



*Fig. 16C*



*Fig. 17A*



*Fig. 17B*



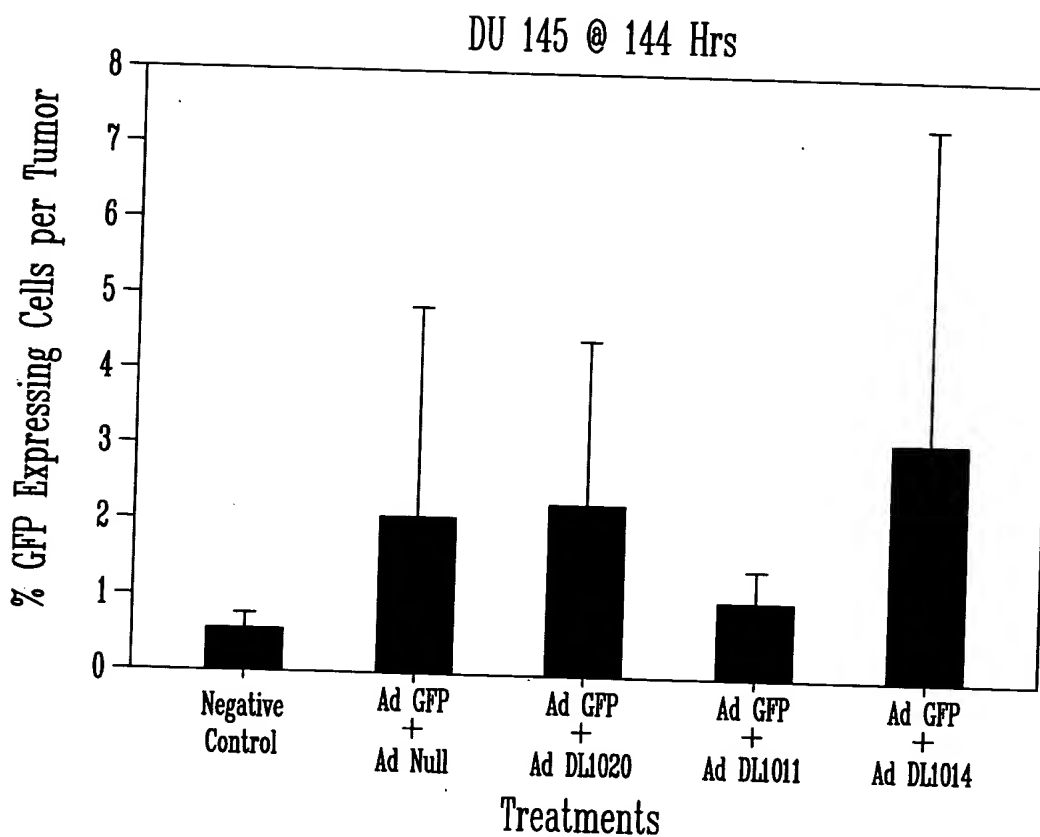


Fig. 17C